

**Falcon Refinery Superfund Site  
Ingleside  
San Patricio County, Texas  
TXD 086 278 058**

**Monthly Progress Report # 71**

**June 2012**

**Prepared for**

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**July 10, 2012**

## TABLE OF CONTENTS

	Page
1.0 INTRODUCTION.....	2
2.0 COMPLETED ACTIVITIES .....	2
2.1 Removal Action Activities .....	2
2.2 Remedial Investigation / Feasibility Study (RI/FS) .....	3
3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD .....	3
4.0 COMMUNITY RELATIONS.....	3
5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD .....	3
6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS .....	3
6.1 Removal Action Work projected for the next two months includes:.....	3
6.2 RI/FS Work projected for the next two months includes:.....	3
7.0 LABORATORY / MONITORING DATA.....	3

## LIST OF FIGURES

None this reporting period

## LIST OF TABLES

	Page
Table 1. Hazardous Liquid Waste Disposal .....	4
Table 2. Metal Disposal .....	5
Table 3. Contaminated Soil and Oily Debris Disposal .....	6
Table 4. Oil and Filter Disposal.....	6

## **1.0 INTRODUCTION**

This seventy-first Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil Recovery Corporation (NORCO). The refinery has been sold to Lazarus Texas Refining I, LLC (Lazarus) and Lazarus is completing the Removal Action.

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering July, 2012 will be submitted on or before August 10, 2012.

## **2.0 COMPLETED ACTIVITIES**

### **2.1 Removal Action Activities**

During June the focus of activities was the implementation of the TCEQ permitted irrigation system to allow the discharge of fluid from Tank 26. Specifically the activities were performed during June:

- Scrap steel from the Tank 30 roof was loaded for transfer.
- The roof of Tank 20 was transported to a recycler in Corpus Christi, Texas.
- Water in all the frac tanks was transferred into Tank 12 for treatment.
- Sludge in the two frac tanks was consolidated into one frac tank.
- Sprinkler heads were installed to complete the construction and installation of the irrigation system.
- Began the construction of a perimeter fence on Lazarus offsite property fronting Bishop Road.
- Site maintenance was conducted in the area of Process Area 1.
- Activated carbon for the treatment system was ordered and delivered.
- Acid for the treatments system was ordered and delivered.
- The frac tanks were cleaned.
- The Texas Spill Center was notified of a spill on site by Superior Crude Gathering (Superior). The cause of the spill was a truck operated by Superior.

- Clarifier was ordered for the treatment of water from Tank 26 into Tank 12.
- A study was conducted of cutting stock for the removal of sludge from Tank 30.

To date a total of approximately 7,774,721 gallons of hazardous waste have been removed from all of the above ground tanks and disposed via deep well injection at Texas Molecular.

Prior to the beginning of liquid waste disposal in October 2004, the volume of waste in the above ground storage tanks was measured at 6,844,094 gallons. Apparently due to holes in the tops of the tanks the volume of waste has increased due to rainfall, since more waste has been disposed of than was originally measured.

A compilation of hazardous liquid waste disposal is included as Table 1.

## **2.2 Remedial Investigation / Feasibility Study (RI/FS)**

There are no activities to report for the month of May.

## **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

Modifications to the treatment process are being made to properly dispose of the waste.

## **4.0 COMMUNITY RELATIONS**

The EPA has developed a web site to display information about the Removal Action and RI/FS activities. Information can be found by going to [www.epaossc.net](http://www.epaossc.net) and selecting web sites, then Region 6 and then the Falcon Refinery Site.

## **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

No changes were made during June.

## **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

### **6.1 Removal Action Work projected for the next two months includes:**

- Implement Removal Action Work Plan Addendum No.3;
- Cleanout of tanks 7, 16, 30 and the butane tank;
- Initiation of discharge irrigation system; and
- Continued site maintenance.

### **6.2 RI/FS Work projected for the next two months includes:**

- Assisting the EPA in any way with the RI/FS.

## **7.0 LABORATORY / MONITORING DATA**

There were no analytical results this reporting period.

Table 1. Hazardous Liquid Waste Disposal

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr. Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez
<b>RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)</b>				
	<b>Month</b>	<b>Volume (gal)</b>		
	October-04	53,832		
	November-04	734,763		
	December-04	879,158		
	January-05	783,881		
	February-05	551,444		
	March-05	565,489		
	April-05	445,107		
	May-05	471,311		
	December-05	42,550		
	January-06	58,740		
	February-06	59,140		
	March-06	0		
	April-06	29,371		
	May-06	59,018		
	June-06	97,151		
	July-06	118,743		
	August-06	148,509		
	September-06	109,908		
	October-06	86,665		
	November-06	140,498		
	December-06	85,813		
	January-07	118,541		
	February-07	107,985		
	March-07	152,493		
	April-07	121,588		
	May-07	150,368		
	June-07	87,900		
	July-07	143,485		
	August-07	94,727		
	September-07	0		
	October-07	50,298		
	November-07	151,227		
	December-07	112,285		
	January-08	119,353		
	February-08	88,777		
	March-08	60,913		
	April-08	18,695		
	May-08	25,349		
	June-08	0		
	July-08	250,475		
	August-08	331,248		

		September-08	67,923		
		October-08	0		
		November-08	0		
		December-08	0		
		January-09	0		
		February-09	0		
		March-09	0		
		April-09	0		
		May-09	0		
		June-09	0		
		July-09	0		
		<b>Total</b>	<b>7,774,721</b>		

**Table 2. Metal Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David
		<b>RECYCLED METAL</b>		
		<b>Month</b>	<b>Volume (lbs)</b>	
		October-04	0	
		November-04	16,820	
		December-04	19,640	
		January-05	31,380	
		February-05	0	
		<b>Total</b>	<b>67,840</b>	
		<b>FIRE EXTINGUISHERS</b>		
		<b>Month</b>	<b>Quantity</b>	
		December-04	10	
		<b>Total</b>	<b>10</b>	
	Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site. The powder was disposed of properly and the metal went to salvage.			

**Table 3. Contaminated Soil and Oily Debris Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner
<b>PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS</b>				
	<b>Month</b>	<b>Volume (cy)</b>		
	October-04	0		
	November-04	0		
	December-04	40		
	January-05	0		
	February-05	0		
	<b>Total</b>	<b>40</b>		
<b>RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)</b>				
	<b>Month</b>	<b>Volume (cy)</b>		
	February-05	15		
	<b>Total</b>	<b>15</b>		

**Table 4. Oil and Filter Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez
<b>RECYLCED OIL AND FILTERS</b>				
	<b>Month</b>	<b>Volume (gal)</b>		
	January-05	403		
	February-05	0		
	<b>Total</b>	<b>403</b>		
DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke
<b>RECYLCED OIL AND FILTERS</b>				
	<b>Month</b>	<b>Volume (gal)</b>		
	January-05	16,651		
	February-05	0		
	<b>Total</b>	<b>16,651</b>		